

SALAVEC, Miloslav; CHROBAK, Ladislav; POLAK, Jiri; CERNIK, Frantisek;
PRIBORSKY, Jaromir; ANTALOVSKA, Zora.

Hemophilic arthropathy. Sborn. ved. prac. lek. fak. Karlov.
univ. (Hrad. Kral.) 6 no.4:384-407 '63

1. I. interni klinika (prednosta: prof. MUDr. F.Cernik);
Detska klinika (prednosta: prof. MUDr. J.Hlecha, DrSc.) a
Stomatologicka klinika (prednosta: prof. MUDr. L. Sazama,
CSc.), Karlova universita v Hradci Kralove.

POLAK, J.; CHROBAK, L.; SALAVEC, M.; CERNIK, F.; ANTALOVSKA, Z.

Incidence of hemophilia in East Bohemia. Cas. lek.cesk.
103 no. 23:636-638 5 Je '64.

1. Detska klinika lekarske fakulty KU [Karlovy university]
v Hradci Kralove (prednosta: prof. dr. J.Blecha, DrSc);
I. interni klinika lekarske fakulty KU [Karlovy univeristy]
v Hradci Kralove (prednosta: prof. dr. F.Cernik) a Stomatologicka
klinika lekarske fakulty KU [Karlovy univeristy] v Hradci Kralove
(prednosta: prof. dr. L.Sazma, CSc.).

SALAVEC, M.; KROCH, V.; FALTYNEK, L.

Contribution to the diagnosis of Wegener's granulomatosis.
Vnitřní lek. 11 no.11:1111-1116 N '65.

1. I. vnitřní klinika lékařské fakulty Karlovy University
v Hradci Králové (prednosta prof. MUDr. F. Černík) a
Otorhinolaryngologická klinika Fakulty Lékařské Karlovy
University v Hradci Králové (prednosta doc. MUDr. L. Faltýnek).

SVERAK, J.; SALAVEC, M.; PEREGRIN, J.; Technicka spoluprace: JURISOVA, J.

The effect of antimalarials on the function of the retina. Electroretinographic studies. Cesk. oftal. 21 no.5:370-378 S '65.

1. Oční klinika (prednosta prof. dr. M. Klima), I. interní klinika (prednosta prof. dr. F. Cernik) a katedra fyziologie (vedoucí prof. dr. J. Melka) lékařské fakulty Karlovy University v Hradci Králové.

KRAUS, Z.; VOTEL, V.; FINGERLAND, A.; SALAVEC, M.; KRCH, V.

Uncommon skin manifestations in Wegener's granulomatosis.
Cesk. dermat. 40 no.6:372-382 D '65.

1. Registracni stredisko histologie koznich nemoci pri
patologickoanatomickem ustavu (prednosta prof. dr. A.
Fingerland), kozni klinika (prednosta prof. dr. B. Janousek)
a I. interni klinika (prednosta prof. dr. F. Cernik) lekarske
fakulty Karlovy University v Hradci Kralove.

SKRIVANEK, Ota; SALAVEC, Miloslav; PRIBORSKY, Jaromir; FINGERLAND, Antonin; KRCH, Vaclav.

Roentgen picture of the lungs in Wegener's granulomatosis.
Sborn. ved. prac. lek. fak. Karlov. Univ. 8 no.2:249-256
' 65.

1. Radiologicka klinika (prednosta - prof. MUDr. J. Bastecky, DrSc.); I. interni klinika (prednosta - prof. MUDr. F. Cernik); Patol. anat. ustav (prednosta: prof. MUDr. A. Fingerland, DrSc.) Lekarske fakulty Karlovy University v Hradci Kralove.

SVERAK, Jaromir; SALAVEC, Miloslav; PEREGRIN, Jaroslav

Electroretinography during prolonged administration of synthetic antimalarial drugs. Sborn. ved. prac. lek. fak. Karlov. univ.: Suppl. 8 no.5:537-545 '65.

1. Department of Ophthalmology (Head Prof. Dr. M. Klima, Dr.Sc.); First Department of Medicine (Head Prof. Dr. F. Cernik); Department of Physiology (Head Prof. Dr. J. Melka) Faculty of Medicine, Charles University, Hradec Kralove, Czechoslovakia.

Z/039/61/022/012/004/009
D291/D306

AUTHOR: Salavy, Tomáš, Engineer

TITLE: On design problems of pneumatic tweeters

PERIODICAL: Slaboproudý obzor, v. 22, no. 12, 1961, 729-734

TEXT: The article investigates the function of the air chamber of horn-type tweeters in the wave-ratio region, demonstrates a method for measuring constants of sound propagation in the air chamber with the aid of an air-chamber model, and lists measuring results for the actual design of such a loudspeaker with an aluminum-alloy cupola and bakelized-paper diaphragm. The author states that air-horn loudspeakers for higher audio frequencies (tweeters) operate in regions, where wavelengths are equal to, or smaller than, pressure system dimensions and that the classical equivalent circuit is not fully applicable and the design calculation, based on the wave equation, becomes too complicated. Since most of the necessary conclusions can be made with the help of the air-chamber function, the author uses the wave equation to derive the sound propagation

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Z/039/61/022/012/004/009
D291/D306

On design problems ...

in a plane circular air chamber which, at first, is considered as a closed system, and then connected to an acoustical horn with one circular aperture, or with a circular-ring aperture. Based on these theoretical results, a measuring air chamber was designed which allows continuous variation of the height and measuring the sound pressure in the wall, dependent on the horn-aperture radius. The test chamber was excited by the pressure system of a TESLA ART 481 loudspeaker over an acoustic impedance (waveguide); the sound pressure was measured in an aperture of the opposite wall by a TESLA electrostatic measuring microphone. Good agreement with calculated values was found at larger chamber heights ($h < 5$ mm), while at smaller heights ($h < 1$ mm) a considerable influence was exerted by air viscosity and thermal conductivity and surface conditions of the walls. Correction factors for h values smaller than 5 mm are calculated and tabulated. In conclusion, the author states that functions of pneumatic loudspeakers are also influenced by induced oscillations of the diaphragm and productional inaccuracies, but the derived relations allow a rapid orientation and exclusion of individual influences. There are 7 figures, 1 table and 5 refer-

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On design problems ...

Z/039/61/022/012/004/009
D291/D306

ences: 2 Soviet-bloc and 3 non-Soviet-bloc. The references to the English-language publications read as follows: B. H. Smith: An investigation of the air chamber of horn type loudspeakers. The Journal of the Acoustical Society of America 25, (1953), no. 2, p. 305; L. E. Kinsler, A. R. Frey: Fundamentals of Acoustics. New York: John Wiley and Sons, 1950.

ASSOCIATION: TESLA Valašské Meziříčí, výzkumné pracoviště Praha, Jenerálka (TESLA Valašské Meziříčí Research Site Prague, Jenerálka) ✓

SUBMITTED: March 7, 1961

Card 3/3

85409

P/014/60/039/005/002/004
A221/A026

15.22.10

AUTHORS: Akerman, Karol; Salawa, Jacek

TITLE: Obtaining ZrO₂ From Zirconium Concentrates

PERIODICAL: Przemysł Chemiczny 1960, Vol. 39, No. 5, pp. 292 - 295

TEXT: In this article the authors describe in detail the method of obtaining pure zirconium oxide from concentrates of zircon (mineral), containing about 10% of TiO₂. The concentrate was prepared from Baltic Sea beach sands. The composition was as follows: ZrO₂ 46 - 44%, TiO₂ 13 - 8%, SiO₂ 37 - 35%, FeO₃ 2%, Al₂O₃ 3%. The technological process of extracting pure zirconium oxide was as follows: 2 kg of caustic soda was placed in a nickel crucible with 6-l capacity and heated to 800°C in a gas oven. One kg of zirconium concentrate was added in small portions under constant stirring. Melting temperature was increased for 30 minutes to 900°C and then the semi-fluid mass was poured out into a nickel container and was cooled. The cold mass was crushed and lixiviated for 8 hours with 10-l of hot distilled water at boiling temperature and then filtered. The collected sediment was dissolved in 5-l of concentrated hydrochloric acid. The solution was heated up to boiling temperature and SiO₂ precipitated by addition of a few ml of

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P/014/60/039/005/002/004
A221/A026Obtaining ZrO_2 From Zirconium Concentrates

4% gelatine solution. The SiO_2 sediment was collected by filtering and was washed, dried, weighed and analysed. The filtrate, 11.35 l of it, was evaporated to about 4:1; after cooling a white sediment of $ZrOCl_2$ precipitated by itself. This was again filtered, washed with cold 28% hydrochloric acid and dissolved in distilled water and diluted to 15 liters. From this solution zirconium hydroxide was precipitated with ammonia, was filtered, dried and heated to $1,000^\circ C$. As a result a snow-white zirconium oxide was obtained. The filtrate left over after the first separation of $ZrOCl_2$ was evaporated to about 1.5 l volume and after cooling it, some more of $ZrOCl_2$ was obtained. It was treated in exactly the same way as the first portion, but the resulting ZrO_2 powder was grayish white. In toto, 219.5 g of grade I and 74.4 g of grade II ZrO_2 was obtained, a total of 293.9 g, i.e., 80.9% of ZrO_2 which was present in 1 kg of zirconium concentrate. Analyses and detailed balance sheet of zirconium and titanium oxides are produced in Tables 1 - 5. At the Instytut Materjałów Ogniotrwałych (Refractory Materials Institute), zirconium oxide obtained by the method described above was tried out as material for high-grade refractories. Test blocks made of ZrO_2 mixed with water and 1.5% sulphite solution (!) and moulded under about 100 kg/cm^2 pressure, disintegrated entirely after being fired at $1,600 - 1,700^\circ C$. After more research the following stabilization method was worked out: grind a mixture of 95% ZrO_2 and 5% MgO_2 for 20

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Obtaining ZrO_2 From Zirconium Concentrates

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A221/A026

hours in a ball mill. Having it moistened to 7% with addition of 1.5% sulphite solution (of 28°Bé concentration), the forms have to be shaped at a pressure of about 100 kg/cm² and at 1,500 - 1,600°C, but the temperature must be increased slowly at only about 100°/h. Properties of sample blocks prepared as described above, are listed in Table 6. The authors arrived at the following conclusions: 1) Titanium oxy-chloride is relatively easy soluble in presence of zirconium oxy-chloride; 2) because of the difference in solubility of oxy-chlorides, zirconium oxide practically free of titanium can be obtained from concentrates containing about 10% of TiO_2 ; 3) by following above described method, good-quality zirconium oxide with good yield can be obtained. There are 1 figure, 2 photos, 6 tables and 6 references: 2 Soviet, 1 English and 3 Polish.

ASSOCIATION: Instytut Metalu Lekkich i Rzadkich (Light and Rare Metals Institute)
in Skawina.

SUBMITTED: February 19, 1960

Card 3/3

SALAY, G.; and OTHERS.

SALAY, G.; and OTHERS. Contributions to the study of the system of irrigation of perennial herbs. p.911.

Vol. 6, No. 7, 1956

CONTRIBUTOR.

SCIENCE

RUSSIA

So: East European Accession, Vol. 6, No. 5, May 1957

M

Country : RUMANIA

Category: Cultivated Plants. Grains.

Abs Jour: RZhDiol., No 11, 1958, No 48918

Author : Mercuriev, O.; Sclay, G.; Avrigeanu, Gh.;
Apetroaici, St.

Inst : Communist Acad, RPR

Title : Preliminary Results of Experimentation on the
Irrigation Regime for Kidney Beans Grown for
Seed.

Orig Pub: Commun. Acad. RPR., 1956, 6, No 9, 1105-1109

Abstract: This article gives the 1952-1954 data of the
experimental stations of the Scientific Research
Institute for Agronomy in Moara Domneaske, Studino
and Merculesti. The number of waterings fluctuates

Card : 1/2

M-51

Country : RUMANIA

APPROVED FOR RELEASE: 09/19/2001

M
CIA-RDP86-00513R001446820011-4

Abs Jour: RZhDiol., No 11, 1958, No 48918

from 1 to 3 and their total should not exceed
2500 m³/ha. The optimum permissible soil moisture
content is 6-70% and higher. -- N.N. Sokolev

Card : 2/2

SALAY, G.

RUMANIA/Cultivated Plants - Grains.

M.

Abs Jour : Ref Zhur - Biol., No 4, 1958, 15553

Author : G. Salay

Inst : -

Title : Experiments with Corn under Irrigation at the I.C.A.R.,
Moara Domneasca and Studina Stations.
(Rezultaty opytov s kukuruzoy v polivnykh usloviyakh
na stantsiyakh IKAR--Moara Domnyask i Stukina).

Orig Pub : Probl. agric., 1956, 8, No 10, 15-21

Abstract : One has established as a result of the experiments of
1953-1955 the corn watering periods (from the beginning
of ear formation to the end of the milky ripeness of the
grain), the irrigation and watering rates of 2000-2500
cubic hectares in 2-3 waterings on the lowland terrace
of the Olt River (chernozem and clay soils) and 1000-
1500 cubic meters per hectare in 1-2 waterings on the
forest steppe of the central Ardzhesh River course

Card 1/2

ANTONIU, R., ing.; SALAY, G., ing.; DROCAN, N., dr.; GHEDERIM, V., ing.
BONCIU, G., biolog; MARCOCI, S., biolog; MARCULESCU, I.,
radiochemist.

Studies on the conditions of utilizing domestic waters and
sewage for irrigation of agricultural areas, made on the
experimental grounds at Tuzla, Constanta region, in 1961.
Studii prot epur apelor 4:61-147 '63.

SALAY, I.G.

BONDAREVA, I.I., dots., prepodavatel'; GAMAYUNOV, M.V., dots., kand. nauk, prepodavatel'; GOL'DMAN, R.Ya., kand. nauk, prepodavatel'; ZHILUDKOV, A.P., kand. nauk, prepodavatel'; KALININA, V.N., kand. nauk, prepodavatel'; LIFAR', G.G., prepodavatel'; MART'YANOVA, L.P., kand. nauk, prepodavatel'; NEZNANOV, S.V., dots., kand. nauk, prepodavatel'; SALAY, I.G., dots., kand. nauk, prepodavatel'; SASKOVETS, Ye.L., dots., kand. nauk, prepodavatel'; ZENIN, V., red.; DANILINA, A., tekhn. red.

[The party is the organizer of the collective farm system] Partiya -- organizator kolkhoznogo stroia. Moskva, Gos. izd-vo polit. lit-ry, 1958. 190 p. (MIRA 11:8)

1. Kafedra marksizma-leninizma Moskovskoy ordena Lenina sel'skokhozyaystvennoy akademii imeni K.A. Timiryazeva (for all except Zenin, Danilina).

(Collective farms)

SALAYDA, N.A.

Intraosseous pelvic anesthesia in urological surgery. Urologia 24
no.5:39-42 S-O '59. (MIRA 12:12)

1. Iz urologicheskoy kliniki imeni prof. A.A. Chayka (zav. - prof.
A.A. Chayka) Kiyevskogo meditsinskogo instituta im. akad. A.A.
Bogomol'tsa i iz kafedry urologii (zav. - dots. O.V. Preskura)
Kiyevskogo instituta usovershenstvovaniya vrachey.
(ANESTHESIA LOCAL)
(URINARY TRACT surg.)

SALAYEV, A.M.

Pathomorphology of the neural apparatus of cardiac veins in two cases of atherosclerosis complicated by terminal intoxication.

Izv. AN Azerb. SSR. Ser. biol. i med. nauk no. 7:115-120 '61.

(MIRA 16:7)

(CARDIAC VEINS—INNERVATION) (ARTERIOSCLEROSIS)

SALAYEV, E. A., (Cand. in Geology and Mineralogy)

"Soil Cover," Soviet Azerbaydzhan, Baku, Izd-vo AN Azerbaydzhanskoy SSR, 1958.

KHALILOV, A.Kh.; SALAYEV, E.Yu.

Investigation of the effect of gamma and X rays on the
excitation spectra of some polyactivated phosphors [in
Azerbaijani with summary in Russian]. Izv. AN Azerb. SSR,
Ser. fiz.-tekhn. i khim. nauk no.5:15-18 '58. (MIRA 12:1)
(Phosphors--Spectra)

KHALILOV, A.Kh.; SALAYEV, E.Yu.

Investigation of the trapping centers in $KCl+AgCl+TlCl$, $KCl+AgCl+$
 $+CuCl$ and $KCl+TlCl+CuCl$ monocrystals. Izv. AN Azerb. SSR. Ser.fiz.-
tekh. i khim.nauk no.6:39-42 '58. (MIRA 12:2)

(Phosphors)

(Absorption spectra)

SALAYEV, S. Yu

24(4) PHASE I WORK CAPABILIZATION SOV/3140

Akademiya nauk Ukrainakoy SSSR, Institut fiziki

Photoelektricheskiye i opticheskyye yavleniya v poluprovodnikovakh i trudy pervogo vostochnogo sovetskogo simpoziuma po fotoelektricheskimi i opticheskimi yavleniyam v poluprovodnikakh, S. Kyiv, 20-26 noyabrya 1957 g. (Photoelectric and Optical Phenomena in Semiconductors: Transactions of the First Conference on Photoelectric and Optical Phenomena in Semiconductors...) Kyiv, 1959. 403 p. 4,000 copies printed.

Additional Sponsoring Agency: Akademiya nauk SSSR, Prezidium, Komissiya po poluprovodnikam.

Ed. of Publishing House: I. V. Kisina; Tech. Ed.: A. A. Matveychuk; Resp. Ed.: V. Ye. Lashkarov, Academician, Ukrainian SSR, Academy of Sciences.

PURPOSE: This book is intended for scientists in the field of semiconductor physics, solid state spectroscopy, and semiconductor devices. The collection will be useful to advanced students in universities and institutions of higher technical training specializing in the physics and technical application of semiconductors.

COVERAGE: The collection contains reports and information bulletins (the latter are indicated by asterisks) at the first All-Union conference on photoelectric and optical phenomena in semiconductors. A wide scope of problems in semiconductor physics and technology are considered: photoconductivity, photoelectromotive forces, optical properties, photoelectric cells and photorelaxators, the actions of hard and corpuscular radiations, the properties of thin films and complex semiconductor systems, etc. The materials were prepared for publication by E. I. Reshoy, O. V. Snitko, K. B. Tolpyso, A. P. Lubchenko, and M. K. Sheynman. References and discussion follow each article.

Photoelectric and Optical Phenomena (Cont.)	SOV/3140
Yerofaichev, V. G., and I. M. Kurbatov. Resolving the Photoconductivity of Lead Sulfide According to the Absorption of Microwaves	213
Rutko, M. I. Some Peculiarities of the Photoconductivity of Mercury Sulfide (Theses)	219
Korunskiy, M. I., R. S. Panman, L. B. Litvinov, O. D. Kozlov, and M. I. Rutko. Negative Photoconductivity in Layers of Selenium Treated With Mercury	220
Lisitsa, M. P., V. M. Mazanitskiy, and N. O. Tsvetkov. Optical Properties of Thin Films of Some Semiconductors	227
Shallos, A. D., M. I. Aliev, A. A. Bashshaliyev, O. Aliev, and S. Salayev. Investigation of the Optical Properties of Selenium With Additives of Iodine, Bromine, and Chlorine	

Photoelectric and Optical Phenomena (Cont.)	SOV/3140
Kishinevskiy, A. K. Infra-red Conductivity Spectrum of Thin Lead Sulfide Films	233
Kononenko, I. D. Infra-red Conductivity Spectrum of Thin Lead Sulfide and Lead Telluride Films	237
Fuk, M. V., and O. P. Sorokin. Electrical, Optical, and Photoelectric Properties of Thin Films of the Al-Sb System	240
PHOTOELECTROMOTIVE FORCES IN SEMICONDUCTORS	245
Tarmin, A. M. Electron Exchange of Semiconductors With Adsorbed Molecules	255

KHALILOV, A.Kh.; SALAYEV, E.Yu.; DOBROZHANSKIY, G.F.

Studying the effect of visible radiation on the spectra of
auxiliary absorption of certain monocrystals. Izv. AN Azerb.
SSR. Ser. fiz.-mat. i tekhn. nauk no. 4:35-41 '59.

(MIRA 13:2)

(Radiation) (Chlorides--Spectra)

KHALILOV, A.Kh.; SALAYEV, E.Yu.

Investigating the interaction between activated and thermal microde-
fects in the KCl crystal lattice, Dokl.AN Azerb.SSR 15 no.1:3-7
' 59. (MIRA 12:3)

(Potassium chloride crystals) (Color)

KHALILOV, A.Kh.; SALAYEV, E.Yu.

Studying the thermoluminescence of some polyactivated alkali halide
crystal phosphors. Izv. AN Azerb. SSR Ser. fiz.-mat. i tekhn. nauk
no.3:39-46 '60. (MIRA 13:11)

(Alkali halide crystals)

(Phosphors)

S/031/62/000/003/009/090
B151/B144

AUTHORS: Khailov, A. Kh., Salayev, L. Ia.

TITLE: Effect of X-rays and γ -rays on the absorption and excitation spectra of monocrystals of KCl + TlCl, KCl + CuCl₂, KCl + AgCl

PERIODICAL: Referativnyi Zhurnal. Khimiya, no. 5, 1962, 43, abstract 38280 (Tr. In-ta. fiz. AN AzerbSSR, v. 10, 1960, 44 - 51)

TEXT: Irradiation of monocrystals of KCl + TlCl, KCl + CuCl₂, KCl + AgCl with X- or γ -rays brings about the appearance of additional bands in the absorption spectra, caused by microdefects (impurities and thermal microdefects). [Abstractor's note: Complete translation.] ✓

Card 1/1

L. I. V., A. I. h.; L. I. V., A. Yu.

Complete investigation of the electro-optical properties of
some monocryptal KCl and phosph. Inv. Ak. Nauk. SSR. Ser.
fiz.-mat. i tekhn. nauk no. 3:47-53 '61. (U.S.S.R. 14:14)
(Phosphors)

20821

S/048/61/025/003/009/047
B104/B201

24,3500 (1137, 1138, 1395)

AUTHORS: Khalilov, A.Kh., Salayev, E.Yu., Mamedov, A.P.,
Aliyev, T.Z., and Isayev, F.K.

TITLE: Comprehensive study of optical and thermo-optical properties
of polyactivated alkali halide crystal phosphors

PERIODICAL: Izvestiya Akademii nauk SSSR. Seriya fizicheskaya,
v. 25, no. 3, 1961, 335 - 340

TEXT: This is a reproduction of a lecture delivered at the 9th Conference
on Luminescence (Crystal Phosphors), which took place in Kiyev from June
20 to 25, 1960. The authors present results of a study of the excitation
spectra of the luminescence bands and the spectral composition, fluore-
scence, phosphorescence, and thermal de-excitation, as well as of the inner
extinction of visible and ultraviolet luminescence. Comprehensive results
are given in Figs. 1 and 2, and in Table 1. The single crystals were bred
from a melt by Kiropulos' method (with activator concentrations in the
melt between 0.01 and 1 mole%). The spectra were measured with a spectro-
meter containing two monochromators. A sensitizing effect of Ag^+ - and

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S/048/61/025/003/009/047
B104/B201

Comprehensive study of ...

Tl⁺-ions upon the phosphorescence of Cu⁺⁺ could be established in two phosphors, KCl-CuCl₂, AgCl and KCl-CuCl₂, TlCl. The thermal peaks at low temperatures coincide in some of the phosphors (KCl-Ag; KCl-Ag,Cu; KCl-Ag,Tl, and others); not so the thermal peaks at higher temperatures. The strongest deviation is observed with KCl and NaCl phosphors. The thermal de-excitation peaks, fluorescence peaks, and phosphorescence peaks of all of the crystal phosphors examined by the authors had spectral bands corresponding to the activator ions introduced into the cationic sites of the KCl- or NaCl lattices. This proves the recombination mechanism of the afterglow. Furthermore, two weak bands of Ag were found in the regions of 440 and 550 mμ, which do not change on a passage from low-temperature to high-temperature peaks and which are ascribed to an association of Ag⁺-ions with lattice defects. The authors were further able to prove that Mn⁺⁺-, Pb⁺⁺-, and Sb⁺⁺-ions fluoresce in the NaCl lattice, which fact does not fit the opinion prevailing in the literature. It is further noted that an intensive, sensitized luminescence of Cu⁺⁺-, Tl⁺-, and Pb⁺⁺-ions can be observed in KCl and NaCl phosphors activated by two elements (Ag+Cu, Ag+Tl, Tl+Pb, etc), on an excitation in the region of the Ag absorption band with

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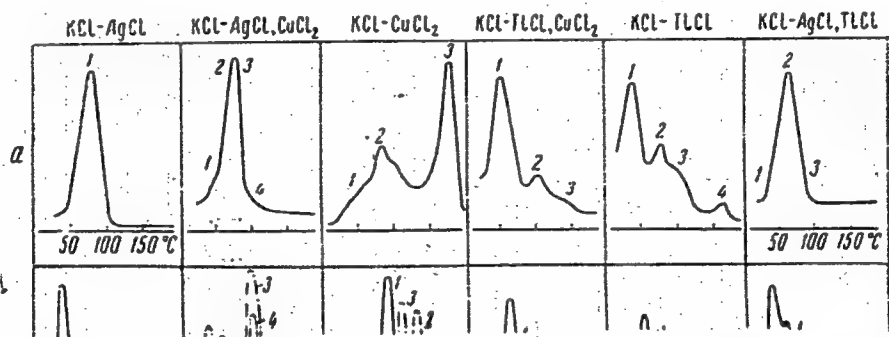
20821

S/048/61/025/003/009/047

B104/B201

Comprehensive study of ...

$\lambda_{\text{max}} = 230 \text{ m}\mu$. This luminescence cannot be observed on the activation with an element. This sensitized luminescence has been already earlier observed on other phosphors (NaCl-Cu,Mn ; NaCl-Pb,Mn ; and KCl-Pb,Mn), and the authors have now proved that the concentration of the activators must amount to at least 0.01 mole% to make it possible to obtain a sensitized luminescence. In the authors' opinion, the sensitized luminescence is essentially caused by resonance energy transfer between the activators. There are 2 figures, 1 table, and 5 references: 1 Soviet-bloc and 4 non-Soviet-bloc.



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S/233/62/000/006/005/008
E010/E420

AUTHORS: Khalilov, A.Kh., Salayev, E.Yu.

TITLE: On the role of impurities in the formation of trapping centers in some KCl phosphors

PERIODICAL: Akademiya nauk Azerbaydzhanskoy SSR. Seriya fiziko-matematicheskikh i tekhnicheskikh nauk, no.6, 1962, 63-68

TEXT: To clarify the mechanism and kinetics of recombination processes in crystalline phosphors, the authors studied the role of impurities in the formation of trapping centers using the spectra of excited absorption in the visible and ultraviolet regions. All the absorption curves reveal F-absorption bands with $\lambda_m = 560 \text{ m}\mu$. In KCl phosphors with Ag impurities are observed also bands of excited absorption with $\lambda_m = 440 \text{ m}\mu$ (E-band of absorption). The number of F-centers for trapping can be determined from the magnitude of absorption in maximum ($k_{\max}$) of F-bands and from their half-width ($H_{\max}$) by the formula

$$N_F = A \cdot k_{\max} \cdot H_{\max}$$

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E010/E420

On the role of impurities ...

where A is a constant factor $= 1.1 \times 10^{16} \text{ cm}^2 \text{ eV}^{-1}$ for KCl and the effect on N_F of various factors can be estimated. The following main conclusions have been drawn from the analysis of the curves. The presence in the KCl lattice of Tl and Cu ions up to 1 mol% favors the process of F-center formation; Ag-ions in quantities exceeding 0.001 mol% inhibit this process. The positive effect of Tl and Cu impurities is explained by the greater number of hole trapping centers in comparison with pure KCl single crystals. The effect of X-irradiation temperature on the process of F-center formation is as follows: the number of F-centers formed at elevated temperature (80°C) is less than that formed at room temperature by a factor of 1.5 to 2. The presence in the KCl lattice of Ag, Cu ions and their combinations reduces the optical stability of F-centers; they decay more strongly with the same dosage of F-irradiation than in pure crystals. Ca impurities strongly affect the distribution of electrons and holes, resulting in redistribution of absorption band intensities. An intense absorption band at $\lambda_m = 264 \text{ m}\mu$ emerges which becomes stronger after additive coloring and F-irradiation. After describing the

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On the role of impurities ...

S/233/62/000/006/005/008
E010/E420

effects of other impurities on absorption spectra it is concluded that the distribution of electrons in trapping levels strongly depends on the presence in the crystal lattice of activating and non-activating impurity ions. The study of this problem can lead to the control of optical and other properties of alkali-halide crystalline phosphors. There are 2 figures.

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EWI(1)/EWI(m)/EWP(q)/BDS/EEC(b)-2 AFFTC/ASD/ESD-3 P1-4 JD

ACCESSION NR: AR3006310

S/0058/63/000/007/D082/D082

SOURCE: RZh. Fizika, Abs. 7D597

AUTHOR: Khalilov, A. Kh.; Salayev, E. Yu.; Mamedov, A. P.; Aliyev,
T. D.; Isayev, F. K.

TITLE: Investigation of the influence of microdefects on the spectral properties of luminescence centers in some KCl and NaCl phosphors

CITED SOURCE: Sb. Fiz. shchelochnogaloidn. kristallov. Riga, 1962, 168-171. Diskus., 171

TOPIC TAGS: phosphor, alkali-halide crystal, luminescence center, spectral property, microdefect

TRANSLATION: A study was made of the influence of non-activating impurities of Ba, Sr, Ca, Cd, Mg, and Co on the spectra of excited

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ACCESSION NR: AR3006310

absorption, excitation of individual glow bands, and the spectral composition of fluorescence, phosphorescence, optical flashes, and thermal glow of single crystals of NaCl and KCl, activated with ions of Ag, Cu, Tl, Pb, and Sn, and single crystals KCl-KBr, KCl-KI, and KBr-KI, activated with silver and copper ions, as well as the influence of the quenching and annealing of the foregoing spectral properties of phosphors. A different ratio of the band intensities was observed in KCl-Tl, and also a difference in the positions of their maxima in the spectra of fluorescence, phosphorescence, and thermal glow; this evidences that the centers responsible for these processes are not identical. The investigated non-activating impurities influence the ratio of the intensities of the excitation bands and the position of the maximum of the log-wave bands in KCl-Tl at small concentrations of Tl, and the influence manifests itself in various fashions. On the basis of the study of the influence of annealing and quenching on the spectral characteristics of KCl-Tl, it is concluded that the bands at 385 and 510 m μ are due to the glow centers

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ACCESSION NR: AR3006310

of the second kind, connected with different combinations of Tl ions with the ion vacancies and impurity atoms. Analogous results were obtained for the NaCl-Tl phosphor. Using as an example mixed phosphors activated with silver, it is shown that the microdefects influence the energy levels of the activator ion. V. Kosikhin.

DATE ACQ: 15Aug63

SUB CODE: PH

ENCL: 00

Card 3/3

KHALILOV, A.Kh.; SALAYEV, E.Yu.

Study of trapping centers as apparent in the electron recombination luminescence of some KCl phosphors. Izv. AN Azerb. SSR. Ser. fiz.-mat. i tekhn. nauk no.1:127-132 '63. (MIRA 16:7)
(Electrons--Capture) (Luminescent substances)

KHALILOV, A.Kh.; SALAYEV, E.Yu.

Activator trapping centers in KCl + Ag phosphors containing ions
of alkaline earth elements. Izv. AN Azerb. SSR. Ser. fiz.-mat. i
tekh. nauk no.5:85-94 '63. (MIRA 17:3)

ABDULLAYEV, G.B.; SALAYEV, E.Yu.

Development of physics in Azerbaijan. Izv. AN Azerb.SSR.Ser.fiz.-tekh.i
mat. nauk no.3:19-30 '64. (MIRA 17:12)

L h3907-65 EEC(b)-2/EMG(r)/EEC(k)-2/EMA(h)/EMA(k)/EWP(k)/EWT(1)/EWT(m)/EEC(t)/FBD/
 EWP(m)/EWP(b)/T/EMA(m)-2/EWP(t) Pf-l/P1-l/P1-l/Pn-l/Pn-l/Po-l/Pz-6/Feb SCTB/
 IJP(c) RE/AT/G/JD/JG UR/0020/65/161/005/1059/1059
 ACCESSION NR: AP5011524

AUTHOR: Brusov, N. G. (Corresponding member, AN SSSR); Bogdankevich, O. V.; Pechenov
 A. N.; Abdulayev, G. B.; Akhundov, G. A.; Salayev, E. Yu.

TITLE: Stimulated emission in a monocrystal of GaSe excited by fast electrons ⁷⁰₈₈
₆

SOURCE: AN SSSR. Doklady, v. 161, no. 5, 1965, 1059

TOPIC TAGS: ¹⁵laser, semiconductor laser, stimulated emission, gallium selenide,
 electron beam laser, coherent light

ABSTRACT: Achievement of laser action in a III-VI semiconductor (GaSe) pumped by
 an electron beam is reported. Samples of p-type GaAs with a carrier concentration
 of $5 \times 10^{15} \text{ cm}^{-3}$ and resistivity of $\sim 200 \text{ ohm/cm}$ at 300K were cleaved to form two
 plane-parallel faces. Monocrystalline samples 1 mm thick or less, cooled by liquid
 nitrogen, were bombarded with a 2-usec 200-kev electron beam directed to the cleaved
 surface at an angle of 70 degrees. Emission observed in the direction perpen-
 dicular to the surface was recorded by a spectrograph. The emission spectrum ex-
 tending between 5870 Å and 6150 Å showed four peaks. The maximum was observed at
 5925 Å, indicating that laser action is generated by interband recombination (the
 forbidden gap of GaAs at 77K is 2.09 ev). Fig. 1 of the Enclosure shows that the

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ACCESSION NR: AP5011524

2

line at 5925 Å narrows with increasing current density of the beam. The displacement of the line toward the long wavelength region at high current densities was attributed to heating. When the cleaved surfaces were silvered, the line width of the peak decreased to one-half its value and additional peaks appeared at 5960 Å and 5983 Å. Orig. art. has: 1 figure. [C8]

ASSOCIATION: Fizicheskiy institut im. P. N. Lebedeva Akademii nauk SSSR
(Physics Institute, Academy of Sciences SSSR); Institut fiziki Akademii nauk AzerbSSR
(Physics Institute, Academy of Sciences AzerbSSR)

SUBMITTED: 21Aug64

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SUB CODE: 66

NO REF SOV: 002

OTHER: 002

ATD PRESS: 3246

Card 2/3

SALAEV, Iosif Alekberovich.

Camel's thorn and its use Ashkhabad, Turkmeniskii filial Akademii nauk SSSR,
1949. 75 p.

1. Spines (Botany)

SALAYEV, M.E.

Soils of the Dzheyran massif. Trudy Inst. pochv. i agrokhim.
AN Azerb. SSSR 10:5-70 '61. (MIRA 15:1)
(Azerbaijan--Soils)

VOLOBUYEV, Vladimir Rodionovich; SALAYEV, M.E., red.

[Genetic forms of salinized soils in the Kura-Aras Low-
land] Geneticheskie formy zasoleniia pochv Kura-Araksin-
skoi nizmennosti. Baku, Izd-vo AN Azerbaidzh.SSR, 1965.
247 p. (MIRA 18:11)

MAIYEV, M.M.

The Committee on Stalin Prizes (of the Council of Ministers USSR) in the fields of science and inventions announces that the following scientific works, popular scientific books, and textbooks have been submitted for competition for Stalin Prizes for the years 1952 and 1953. (Sovetskaya Kultura, Moscow, No. 22-40, 20 Feb - 3 Apr 1954)

<u>Name</u>	<u>Title of Work</u>	<u>Nominated by</u>
Alakbarov, M.A.	"Soils of the Azerbaijan SSR"	Academy of Sciences Azerbaydzhan
Alyev, G. A.		SSR
Baymatov, A. .		
Novikov, I. V.		
Malayev, . .		
Sharifov, M.F.		

SO: W-30604. 7 July 1954

SALAYEV, S.

Salayev, S. - "Mud volcanos of the Astrakhan area and their relation to oil deposits,"
In the symposium: Doklady II Obshchebak. nauch. studench. konf-tsi. Baku, 1949,
p. 95-112

SO: U-5240, 17, Dec. 53, (Ietopis 'Zhurnal 'nykh Statey, No. 25, 1949).

SALAYEV, S.; KRAVCHINSKIY, Z.

"D.V.Golubiatnikov and his work; from the history of studying
the Azerbaijan oil fields" by M.V.Abramovich. Reviewed by
S.Salaev, Z.Kravchinskii. Geol.nefti i gaza 6 no.5:60-62
My '62. (MIRA 15:5)

(Azerbaijan--Petroleum geology)
(Golubiatnikov, Dmitrii Vasil'evich, 1866-1933)
(Abramovich, M.V.)

SALAYEV, S. G.

"History of the Geological Development of Southern Kobystan in the Oligocene-Miocene Epoch" (Stratigraphy and Paleontology, Neogene) Izv. An Azerb. SSR, No 8, 1953, pp 45-62 (resume in Azerbaydzhani)

Abs

W-31146, 1 Feb 55

SALAYEV, S.G.

Organic components of productive sands of the Tarkhan-Chokrak strata
and the Maikop series of the Cheildag region. Dokl. AN Azerb. SSR 11
no. 5: 319-325. '55. (MIRA 9:6)

1. Predstavleno deystvitel'nyy chlenom AN Azerbaydzhanskoy SSR.
(Caucasus--Oil sands) (Caucasus--Petroleum)

SALAYEV, S.G.; ALIYEV, S.M.

Gypsum lenses in Kobystan. Dokl. AN Azerb. SSR 11 no.9:611-616 '55.

1. Predstavleno deystvitel'nym chlenom AN Azerbaydzhanskoy SSR.
(Kobystan--Gypsum)

15-57-3-3830

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 3,
p 191 (USSR)

AUTHOR: Salayev, S. G.

TITLE: Some Problems in Exploratory Drilling With Complete
Core Samples in Azerbaydzhan (O nekotorykh zadachakh
razvedochnogo bureniya so sploshnym othborom kernov v
Azerbaydzhane)

PERIODICAL: Dokl. AN AzSSR, 1956, Vol 12, Nr 8, pp 557-561

ABSTRACT:

The author considers the problem of drilling a series
of exploratory holes to study the lithofacies peculiar-
ities and the oil potential of the Mesozoic deposits
occurring in the buried structures of the Apsheron
Peninsula. A number of regions are of practical impor-
tance from the viewpoint of oil potential and demand a
study of complete sections of the productive horizons.
These areas are the Dzheyran-Kechmas and Kura
depressions and their bordering zones, the Khudat

Card 1/2

SALAYEV, S.G.

Prospective oil and gas fields in Oligocene and Miocene deposits
of Kobystan [in Azerbaijani with summary in Russian]. Dokl.AN
Azerb.SSR 12 no.12:967-972 '56. (MLRA 10:8)
(Kobystan--Petroleum geology)

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 8,
p 183 (USSR) 15-57-8-1139

AUTHORS:

Salayev, S. G., Zeynalov, M. M.

TITLE:

Eruption of the Shikhzagirli Gryazovoy Vulkan (Mud
Volcano) (Izverzheniye gryazevogo vulkana Shikhzagirli)

PERIODICAL:

Tr. Azerb. industr. in-ta, 1956, Nr 13, pp 46-52

ABSTRACT:

The volcano is located in Central Kobystan on the
southeastern slope of the Great Caucasus 80 km west of
Baku. It is associated with the Shikhzagerki fold,
the core of which is composed of compressed rock of
koun. The mud-volcanic breccias consist of koun rock
with a high content of bituminous coal. The volcano
acts periodically. Before the last eruption on Janu-
ary 30, 1955, a subterranean rumble was heard for a
few minutes; then the volcano began to emit gas, which
ignited, forming a column of flame 100m to 200 m high

Card 1/2

SALAYEV, S.G.

Characteristics of the contact of pay stratum and the Akchaghylian stage in Azerbaijan. Trudy Inst.geol.AB Azerb.SSR 18:65-80 '56.

(MLRA 10:1)

(Azerbaijan--Geology, Stratigraphic)

AKHMEDOV, G.A.; SALAYEV, S.G.; ALIYEV, S.M.

Conditions of formation and oil-bearing possibilities of the
Apsheiron stage in the lower Kura Lowland. Azerb.neft.khoz.
35 no.3:1-6 Mr '56. (MLRA 9:10)

(Kura Lowland--Petroleum geology)

SALAYEV, S.

Useful book ("Prospecting and exploring for oil and gas pools."
M.V. Abramovich. Reviewed by S. Salaev). Azerb.neft.khoz. 35 no.5:
34-35 My 1966. (MLRA 9:10)

(Petroleum geology) (Abramovich, M.V.) (Gas, Natural--Geology)
(Prospecting)

SALAYEV, S.G.;

SALAYEV, S.G.; ALIYEV, S.M.

Apsheron deposits of the lower Kura Lowland [in Azerbaijani with
summary in Russian]. Izv. AN Azerb. SSR no.12:53-65 D '57.

(MIRA 11:2)

(Kura Lowland--Geology, Stratigraphic)

SALAYEV, S.G.

Surface working of petroleum-bearing sands in Kobystan. Dokl. AN
Azerb. SSR 13 no.2:157-161 '57. (MIRA 10:7)

1. Institut geologii AN Azerbaydzhanskoy SSR. Predstavleno akademikom
AN Azerbaydzhanskoy SSR M.V. Abramovichem.
(Kobystan--Petroleum geology)

SALAYEV, S.G.

~~Oil-bearing possibility of dolomites of the Miocene complex in Kobystan [in Azerbaijani with summary in Russian]. Azerb.neft. khoz. 36 no.1:5-7 Ja '57. (MLRA 10:5)~~
(Kobystan--Petroleum geology)

SALAYEV, S.G.

AKHMEDOV, G.A.; SALAYEV, S.G.

Oil- and gas-bearing potentials of Mesozoic deposits in the south-eastern Caucasus. Azerb. нефт. khoz. 36 no.10:1-4 0 '57. (MIRA 11:2)

(Caucasus--Petroleum geology)

(Caucasus--Gas, Natural--Geology)

~~SALAYEV, S.G.~~
SALAYEV, S.G.; ALIYEV, S.M.

Nature of the Apsheron series contacts in the lower Kura depression
[in Azerbaijani with summary in Russian]. Dokl. AN Azerb. SSR 14
no.1:41-44 '58. (MIRA 11:2)

1. Institut geologii AN Azerbaydzhanskoy SSR.
(Kura Lowland--Geology, Stratigraphic)

MAZANOV, D.D.; SALAYEV, S.G.

"Petrography of Jurassic sediments in the southeastern Caucasus"

by A.G. Aliev, V.P. Akaeva. Reviewed by D.D. Mazanov, S.G.

Salaev. Azerb. neft. khoz. 37 no.7:48 J1 '58. (MIRA 11:9)

(Caucasus--Petroleum geology)

(Caucasus--Gas, Natural--Geology)

(Aliev, A.G.) (Akaeva, V.P.)

SALAYEV, S.G.; ALIYEV, S.M.; ZEYNALOV, M.M.

Data on the geology of Yashma Island [in Azerbaijani with summary in Russian]. Azerb.neft. khoz. 37 no.8:1-3 Ag '58. (MIRA 11:11)
(Yashma Island--Geology)

SALAYEV, S.E.

3(5) PHASE I BOOK EXPLOITATION SOV/2302
Akademiya nauk Ukrain'skoy SSR. Institut geologii poleznykh iskopaemykh

Problema migratsii nefti i formirovaniya neftyanykh i gazovykh skopleniy, materialy L'vovskoy diskussii 8-12 maya 1957 g. (Problem of Oil Migration and the Formation of Oil and Gas Accumulations; Material of the Discussion Held in L'vov, May 8-12, 1957) Moscow, Gostoptekhnizdat, 1959. 422 p. 1,100 copies printed.

Eds.: V. B. Porfir'yev, Academician of the Ukrainian SSR Academy of Sciences, and I. O. Rukod. Professor; Exec. Ed.: P. R. Yerashov; Tech. Ed.: A. S. Polonskiy. Editorial Board: I. O. Brod, Professor, M. M. Ladyzhenskiy, and V. B. Porfir'yev, Academician of the Ukrainian Academy of Sciences.

PURPOSE: This collection of articles is intended for a wide range of geologists and research workers interested in oil problems.

COVERAGE: Articles contained in this book deal with the problems of migration and accumulation of oil and gas. These problems were

discussed in May 1957 at L'vov State University im. I. Franko at a meeting organized jointly by the Institute of Geology and Mineral Resources, Academy of Sciences of the USSR, the Department of Geology and Oil Exploration of the L'vov Polytechnic Institute, and the L'vov Geological Society. Theories on the origin of petroleum deposits and the conditions surrounding their occurrence are treated. There are 327 references: 232 Soviet, 86 English, 5 French, and 4 German.

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REPORTS

Abramovich, M. A. Sh.P. Mekhtiyev, B. A. Gorin, O. A. Akhmedov, and S. O. Salayev, Formation of Oil-bearing Deposits in the Tertiary System of Azerbaijan 41

Sokolov, V. A. [Institut nefti]. The Possibility of the Formation and Migration of Oil in Late Sedimentary Deposits 59

Sharskiy, A. M. [Politekhnikheskiy Institut, L'vov]. Problems in Oil Migration and the Formation of Petroleum Deposits 63

Kartsev, A. A. [Moskovskiy Institut im. I. M. Gubkina] Geochemical Criteria in the Study of the Formation of Oil Deposits 79

Balukhovskiy, N. P. [Institut geologicheskikh nauk AN UkrSSR] Formation of Gas and Oil Deposits in the Eastern Part of the Donets Downways 86

Shardanov, A. N. and I. M. Zhivitsa. Conditions for the Formation of Petroleum Beds in the Tertiary Deposits of the Southern Pringe of the Azovo-Kubanaki Downways 98

NADIROV, S.G.;SALAYEV, S.G.;ZEYNALOV, M.M.

Geological prerequisites for open-pit mining of oil-bearing in the
Oligocene-Miocene complex in Kobystan. Izv. AN Azerb. SSR. Ser. geol.
-geog. nauk no.5:39-50 '59 (MIRA 13:3)
(Kobystan--Petroleum geology)

MAZANOV, D.D.; SALAYEV, S.G.

Concerning a book on oil-and-gas reservoir rocks ("Oil-and-gas reservoir rocks in Azerbaijan Mesozoic and Tertiary sediments" by A.G. Aliev, G.A. Akhmetov. Reviewed by D.D. Mazanov, S.G. Salayev. Azerb. neft. khoz. 37 11:48 N '58. (MIRA 12:3)

(Petroleum geology)

SALAYEV, S.G.; ZEYNALOV, M.M.

Characteristics of the Koturdag mud volcano [in Azerbaijani
with summary in Russian]. Azerb. neft. khoz. 38 no.2:3-5 F
'59. (MIRA 12:5)

(Koturdag volcano)

AKHMEDOV, G.A.; SALAYEV, S.G.

Prospecting for Oligocene-Miocene sediments in the Kobystan-Shemakha
area. Azerb. neft. khoz. 38 no.3:1-5 Mr '59. (MIRA 12:6)
(Azerbaijan--Petroleum geology)
(Azerbaijan--Gas, Natural--Geology)

MAZANOV, D.D.; SALAYEV, S.G.

Regarding the monograph ("Lithology of the producing formation in the Apsheron Peninsula" by A.D. Sultanov. Reviewed by D.D. Mazanov, S.G. Salayev). Azerb.neft.khoz. 38 no.4:48 Apr '59. (MIRA 12:7)
(Apsheron Peninsula--Petroleum geology) (Sultanov, A.D.)

ISMAILOV, K.A.; ~~SALAYEV, S.G.~~

Search for oil and gas in the Cretaceous sediments of central
Kobystan. Izv. AN Azerb. SSR. Ser. geol.-geog. nauk no.3:45-55
'60. (MIRA 13:10)

(Kobystan--Petroleum geology)

(Kobystan--Gas, Natural--Geology)

RZAYEV, M.A.; SALAYEV, S.G.; ZEYNALOV, M.M.

Miocene geology of the western Apsheron Peninsula. Trudy AzNII DN
no.10:31-45 '60. (MIRA 14:4)
(Apsheron Peninsula--Geology)

SALAYEV, S.G.; ALIYEV, S.M.

Oil potential of some structures in southern Kobystan.
Trudy Inst.geol.AN Azerb.SSR 20:37-78 '60. (MIRA 14:9)
(Kobystan--Petroleum geology)

DADASHEV, F.G.; SALAYEV, S.G.

Variations in the hydrocarbon composition of gases of the oil-
and gas-bearing strata in the Tertiary complex of Kobystan.

Azerb. neft. khoz. 39 no.2:8-10 F '60. (MIRA 14:8)
(Kobystan--Hydrocarbons)

SALAYEV, S.G.; KRAVCHINSKIY, Z.Ya.

Resistivity log index and the interpretation of the character
of individual sediments of Oligocene and Miocene stratigraphic
units in Kobystan. Uch. zap. AGU. Ser. geol. geog. nauk no.1:
75-83 '61. (MIRA 16:8)

SALAYEV, S.G.

Prospecting for Oligocene-Miocene sediments in the southeastern
Caucasus. Trudy Inst.geol. AN Azerb. SSR 21:73-89 '61.

(MIRA 14:11)

(Caucasus--Petroleum geology)

(Caucasus--Gas, Natural)

SALAYEV, S.G.; ABRAMOVICH, M.V., akademik, red.; DOLGOV, V., red.
izd-va; POGOSOV, V., tekhn. red.

[Oligocene-Miocene sediments in the southeastern Caucasus and
their oil and gas potentials] Oligotsen-miotsenovye otlozheniia
IUgo-Vostochnogo Kavkaza in ikh neftegazonosnost'. Red. M.V.
Abramovich. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1961.
252 p. (MIRA 15:3)

(Caucasus--Petroleum geology)

(Caucasus--Gas, Natural--Geology)

SALAYEV, S.G.; ZEYNALOVA, E.I.

Submergence of Oligocene-Miocene anticlinal zones of southwestern
Kobystan toward the Dzheyran-Kechmaz Depression. Dokl. AN Azerb.
SSR 17 no.1:41-45 '61. (MIRA 14:3)

1. Institut geologii AN AzerbSSR. Predstavleno akademikom AN AzerbSSR
Sh.F. Mekhtiyevym.
(Kobystan--Geology, Structural)

SALAYEV, S.G.

Geological conditions of deep drilling for the Oligocene -
Miocene deposits of the southeastern Caucasus. Dokl. AN Azerb.
SSR 17 no.7:585-588 '61. (MIRA 14:10)

1. Institut geologii AN AzerSSR. Predstavleno akademikom
AN Azerbaydzhanskoy SSR M.V. Abramovichem.
(Caucasus—Petroleum geology) (Caucasus—Gas, Natural—Geology)

SULTANOV, A.D.; SALAYEV, S.G.

Engrossing book ("The Earth and earthquakes" by A.A. Ali-zade.
Reviewed by A.D. Sultanov, S.G. Salaev). Azerb. nefti. khoz.
40 no. 3:48 Mr '61. (MIRA 14:5)
(Earth) (Ali-zade, A.A.)

SALAYEV, S.G.

Oligocene-Miocene complex of the southeastern Caucasus as an example
of a syngenetic oil-tearing formation. Azerb. neft. khoz. 40
no.6:1-3 Je '61. (MIRA 14:8)

(Caucasus--Petroleum geology)

SULTANOV, A.D.; ISMAYLOV, K.A.; SALAYEV, S.G.

Prospective Mesozoic, Paleogene, and Miocene structures of Azerbaijan as important potentialities in the development of prospecting. Izv.AN Azerb.SSR.Ser.geol.-geog.nauk i nefti no.4:69-78 '62. (MIRA 16:2)

(Azerbaijan--Prospecting)
(Azerbaijan--Petroleum geology)
(Azerbaijan--Gas, Natural--Geology)

SALAYEV, S.G.; GUSEYNOV, G.A.; SOLOMONOV, B.M.

Oligocene and Miocene sediments in the Saadan area of the Caspian
Tertiary monocline and their oil potential. Dokl. AN Azerb. SSR
18 no.11:35-40 '62. (MIRA 17:2)

1. Institut geologii AN AzSSR i Neftepromyslovoye upravleniye
"Siazan'neft'." Predstavleno akademikom AN AzSSR M.V.
Abramovichem.

SALAYEV, S.G.; MUSEYNOV, G.A.; SOLOVYOV, B.M.

Lithofacies characteristics and the oil potential of the
Upper-Cretaceous and Paleogene-Miocene sediments of the
Caspian tertiary monocline. Izv. AN Azerb. SSR. Ser. geol.-
geog. nauk i nefti no.2:5-13 1963.

(MIRA 17:10)

SALAYEV, S.G.; GUSEYNOV, G.A.; SOLOMONOV, B.M.

Oil potential of the Kaun series of the Caspian Tertiary monocline.
Uch. zap. AGU. Ser. geol. i geog. nauk no.3:71-78 '63. (MIRA 17:11)

SALAYEV, S.G.; GUSEYNOV, G.A.; GOMONOV, B.M.

Further trends in the exploration of the Chokrak horizon in
the Caspian-Kuba area. Neft, az. geol. i geofiz. no. 7:
14-18 '63. (MIRA 17:10)

1. Institut geologii AN AzSSR i Neftepromyslovoye upravleniye
"Siazanneft".

SALAYEV, S.G.; ALIFOV, G.K.

Prospects for finding oil and gas in the Talabi-Kyzylburun
tectonic zone of the Caspian-Kuban region. Dokl. AN Azerb.
SSR 19 no.8:37-41 '63. (MIRA 17:11)

1. Institut geologii AN AzSSR i Neftepromyslovoye upravleniye
Siazanneft'. Predstavleno akademikom AN AzSSR M.V. Abramovichem.

AERAMOVICH, M. V.; PUTKARADZE, A. L.; SALAYEV, S. G.

"Methods of locating buried oil- and gas bearing structures in depression areas."

report submitted for 22nd Sess, Intl Geological Cong, New Delhi, 14-22 Dec 1964.

SALAYEV, S.G.; GUSEYNOV, G.A.; SOLOMONOV, B.M.; FUTKARADZE, A.L.,
spets. red.; MUSAYEVA, E.B., red.

[Geology and oil and gas potential of the Caspian ternary
monocline] Geology and oil and gas potential of the
Caspian ternary monocline] Geologiya i neftegazonosnost'
Prikaspiiskoi tretichnoi monoklinali. Baku, Azerneshr,
1964. 116 p. (MIRA 17:12)

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